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O. Butler

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kannan V. Ramanathan et al.)
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Serial No.: 08/939,844) Group Art Unit: Not Yet Accorded
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Filed: September 29, 1997) Examiner: Not Yet Accorded
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Title: Cadmium-Free Junction) Atty Dkt No. : NREL 97-10
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INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97 AND 1.98

Honorable Assistant
Commissioner for Patents
Washington, DC 20231

Dear Sir:

It is respectfully requested that the citations listed below be considered by the U.S. Patent & Trademark Office and be made of official record in the above-identified application.

In the opinion of the undersigned, the below-listed citations represent the closest art known to the undersigned during the preparation of the above-identified application. These citations may be material to the examination of the subject application and are therefore submitted in compliance with a duty of disclosure defined in 37 CFR §§ 1.56 and 1.97.

CITED PATENTS

U.S. Patent 5,474,939	Pollock et al.	December 1995
U.S. Patent 4,612,411	Wieting et al.	September 1986
U.S. Patent 4,751,149	Vijayakamar et al.	June 1988

U.S. Patent 4,327,119 Lis et al. April 1982
U.S. Patent 4,242,374 Sansregret December 1980

NON-PATENT LITERATURE DOCUMENTS

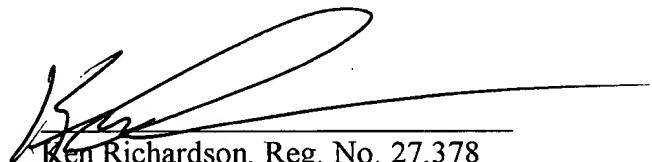
Aranovich, Optical and Electrical Properties of ZnO Films Prepared by Spray Pyrolysis for Solar Cell Applications, J. Vac. Sci. Technol., Vol. 16, No. 4, pp. 994-1007, July 1979.

Tomar, A ZnO/p-CuInSe₂ Thin Film Solar Cell Prepared Entirely by Spray Pyrolysis, Thin Solid films, 90, pp. 419-423, 1982.

In regard to the referenced application which is submitted herewith, Applicants submit the enclosed form PTO-1449 with references that may be relevant to the patentability of the above - identified application.

This disclosure statement under 37 CFR §§ 1.56 and 1.97 is not to be construed to the effect that no other material information as defined by 37 CFR § 1.56(c) exist, or that these citations constitute prior art under 37 CFR § 1.56(c) exists, or that the citations constitute prior art under 35 U.S.C. § 102 and 103.

Respectfully submitted,



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Dated: December 17, 1997.

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